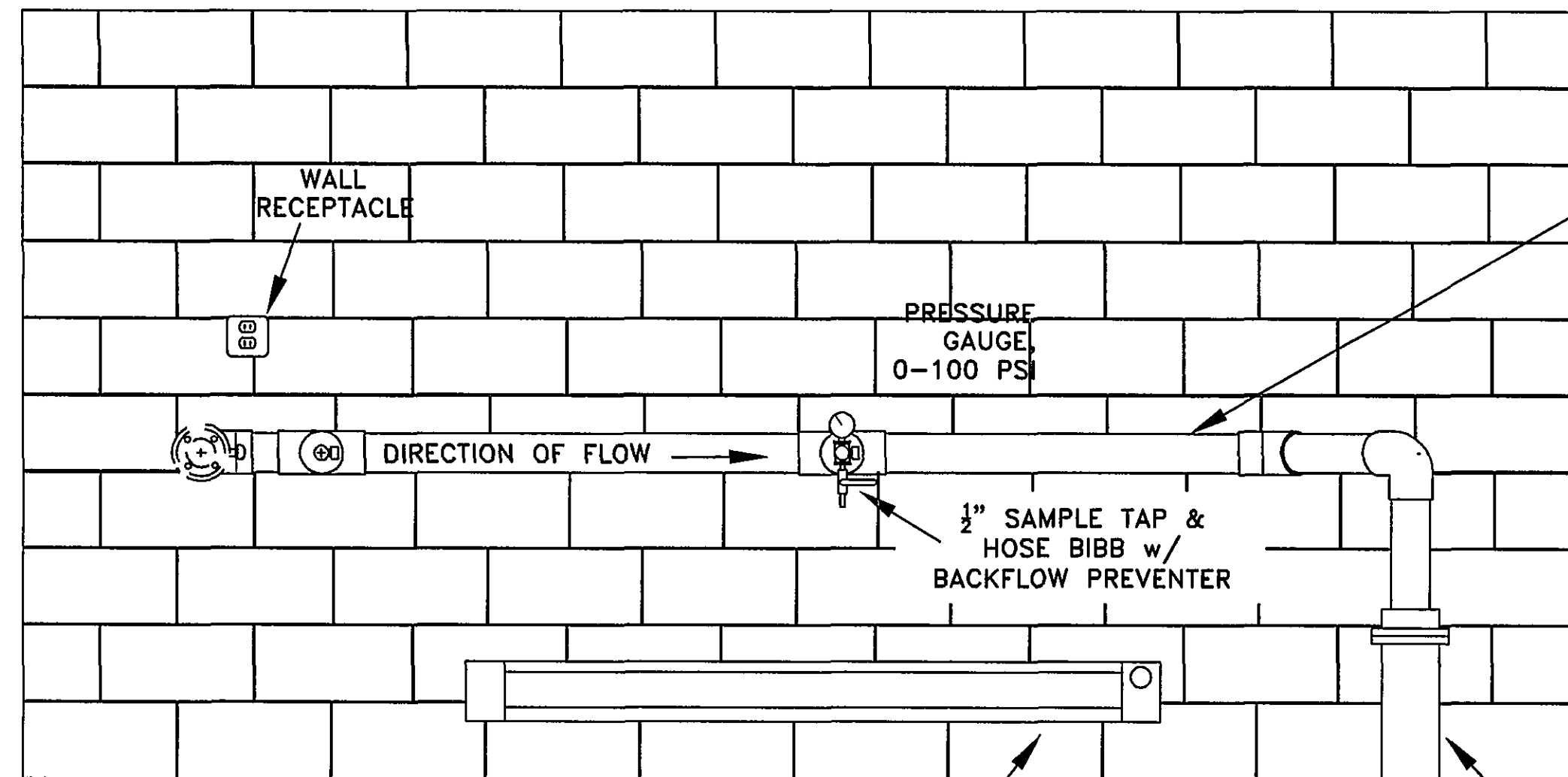
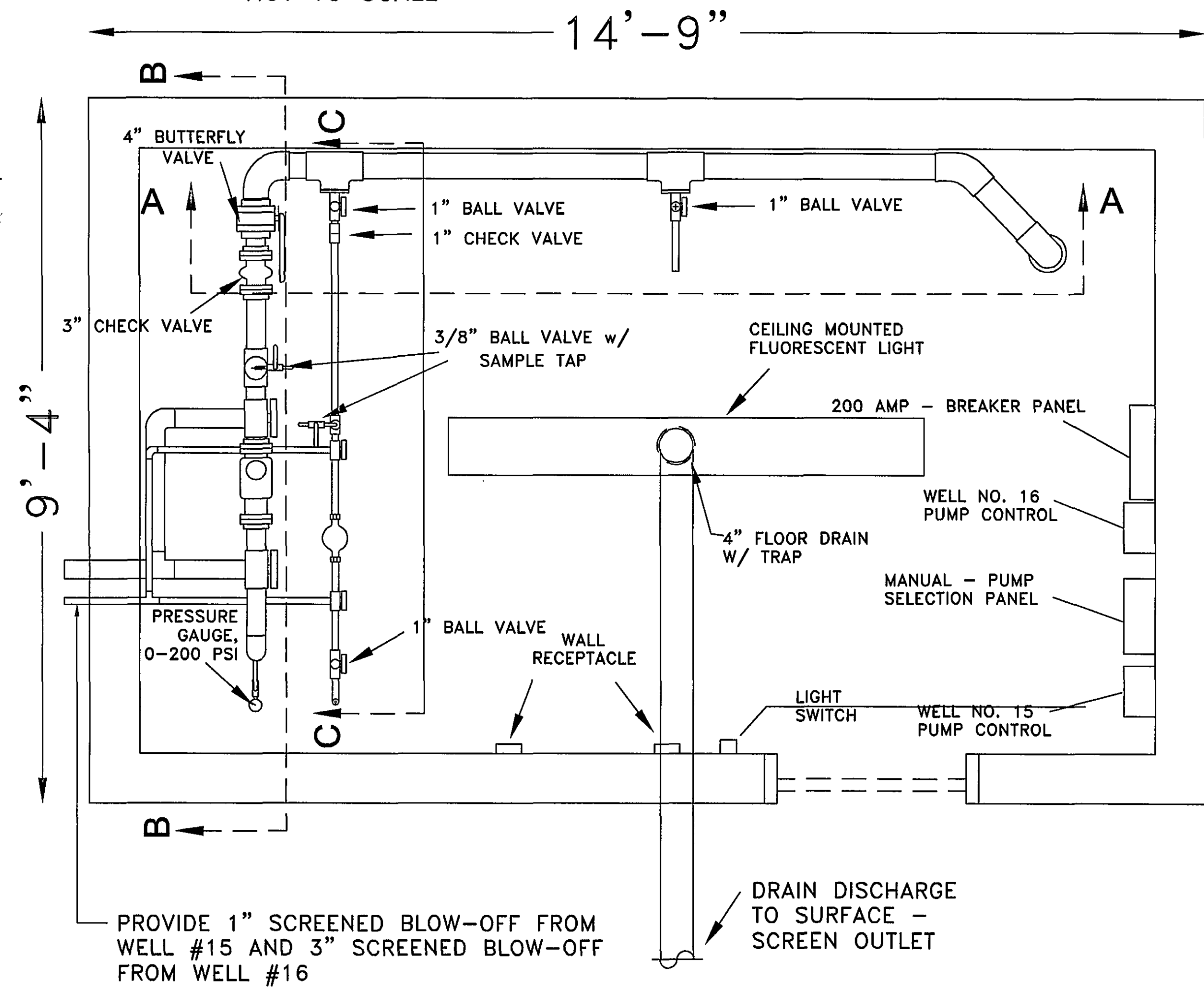


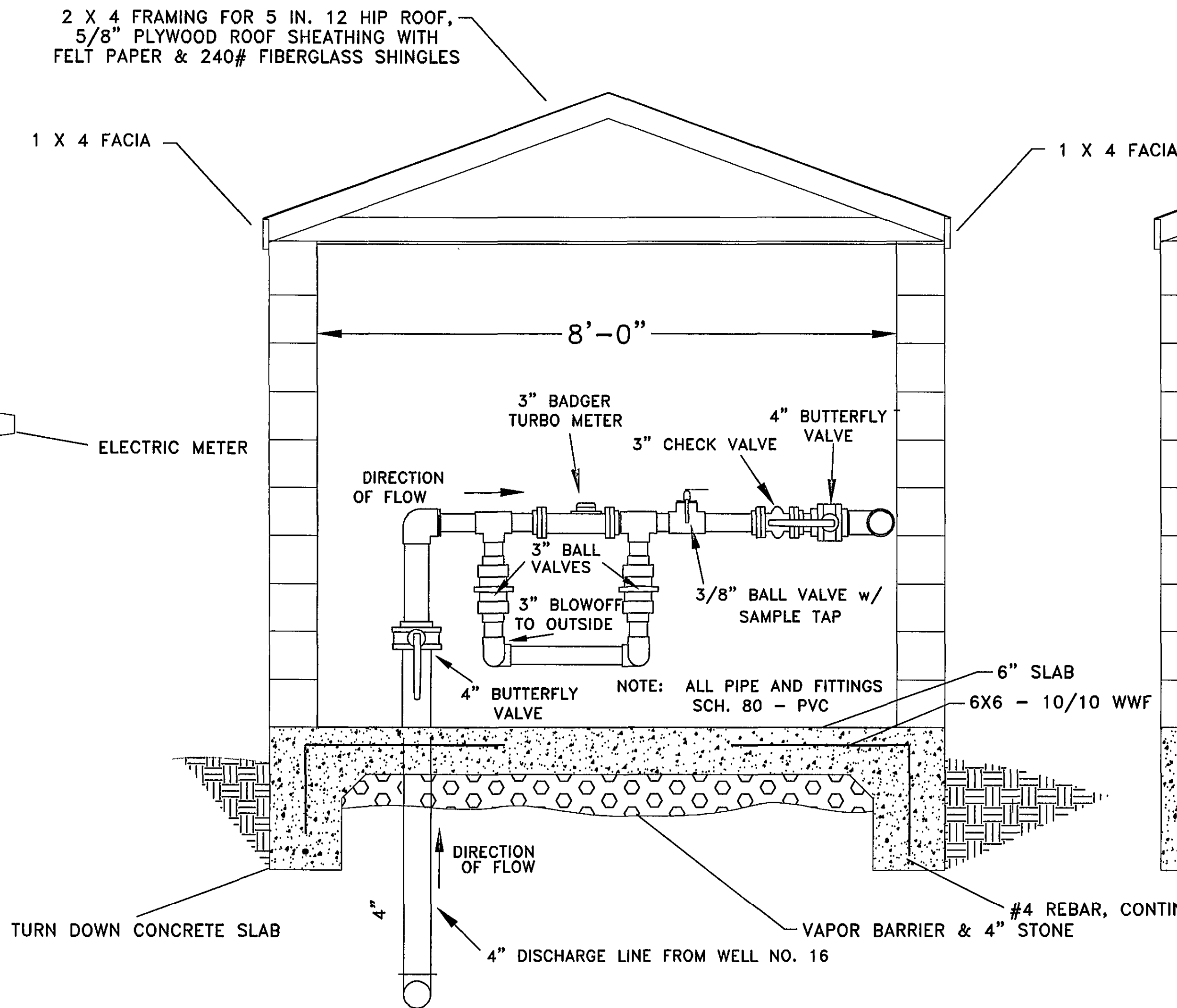
WELL HOUSE PIPING PLAN SCHEMATIC

NOT TO SCALE



SECTION A-A

THE WELLS AND WELL HOUSE MUST MEET ALL REQUIREMENTS OF THE COMMONWEALTH OF VIRGINIA WATERWORKS REGULATIONS

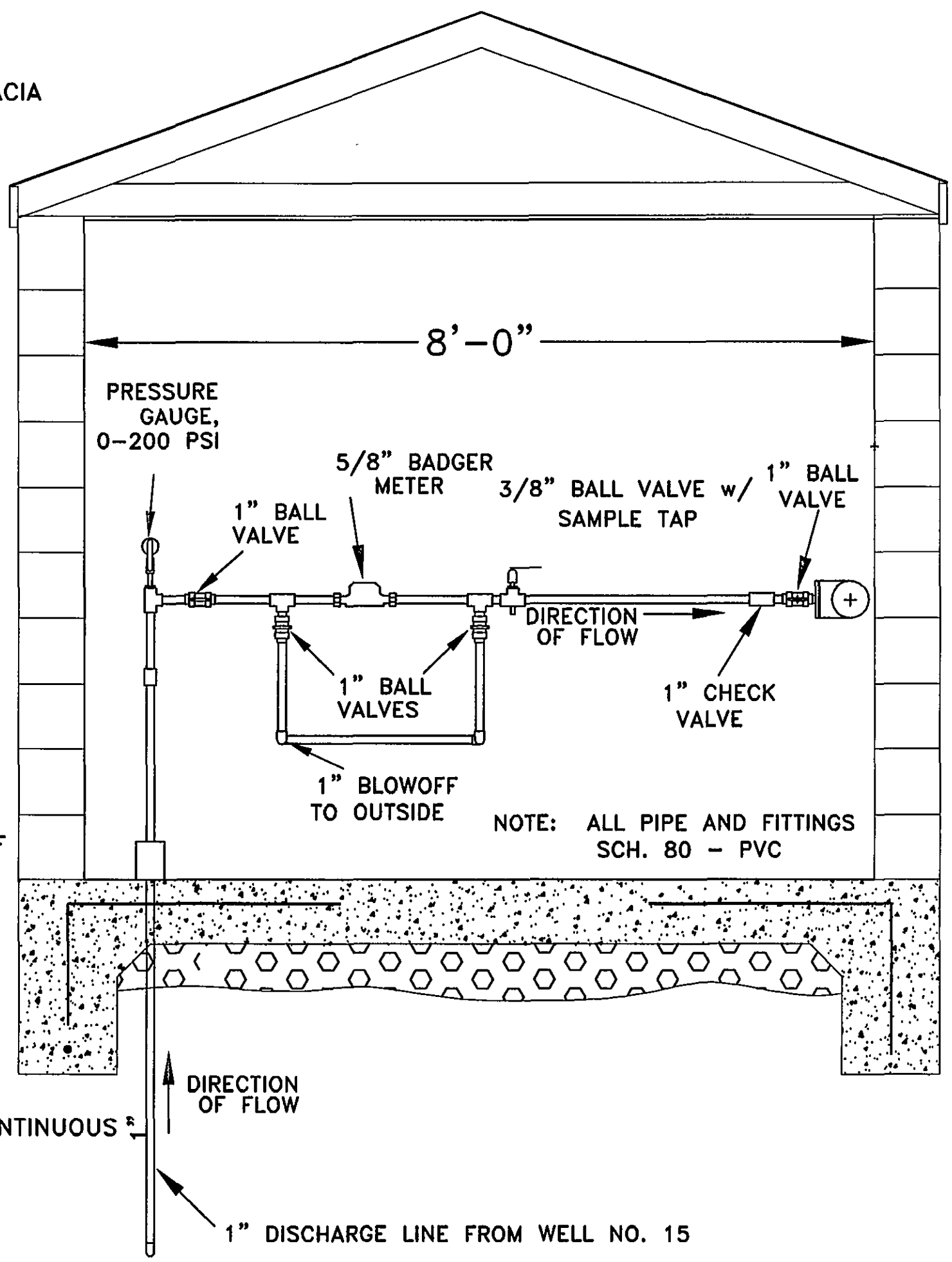


SECTION B-B

NOT TO SCALE

NOTES:

1. BUILDING AND PLUMBING CONSTRUCTION SHALL COMPLY WITH BOCA BUILDING CODES.
2. ELECTRICAL CONSTRUCTION SHALL COMPLY WITH NATIONAL ELECTRIC CODE.
3. INTERIOR PIPING SHALL BE SCHEDULE 80 PVC
4. UNDERGROUND PIPING SHALL BE SDR-21 PVC or AWWA C-900.
5. UNDERGROUND FITTINGS SHALL BE DUCTILE IRON, CLASS 250, WITH MECHANICAL JOINTS.
6. ALL PIPING SHALL BE BRACED AND SECURED TO PREVENT MOVEMENT.
7. ALL PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C653-87
8. ISOLATION VALVES SHALL BE REQUIRED BETWEEN THE CONNECTION TO THE PIPING AND ALL GAUGES AND ALL OTHER SMALLER DIAMETER TAPS.
9. THE BUILDING SHALL BE FITTED WITH A PRE-HUNG INSULATED STEEL DOOR WITH A MINIMUM SIZE OF 3'-0" X 6'-8", A FLOOR DRAIN DISCHARGING TO ATMOSPHERE.



SECTION C-C

NOT TO SCALE

ELECTRICAL NOTES:

1. ALL PUMPS SHALL BE CONTROLLED BY STARTERS WITH INDIVIDUAL HOA SWITCHES.
2. STARTERS SHALL BE SIZED ONE SIZE LARGER THAN HORSEPOWER REQUIRED. HEATERS SHALL BE SIZED FOR ACTUAL CURRENT LOAD.
3. ALL CONTROL CIRCUITS SHALL BE 120 VOLT.
4. ELECTRICAL SERVICE SHALL BE PROVIDED WITH LIGHTNING ARRESTERS.
5. ELECTRICAL PANEL SHALL HAVE A MINIMUM OF 20 CIRCUITS.
6. ALL ELECTRICAL WIRING SHALL BE PLACED IN CONDUIT.
7. WATER PUMP STATIONS SHALL BE CONSIDERED A WET LOCATION FOR INTERPRETATION OF THE NATIONAL ELECTRICAL CODE REQUIREMENTS.
8. ALL RECEPTACLES AND SWITCHES SHALL HAVE A MINIMUM 20-AMP RATING.
9. AT LEAST ONE 20-AMP CIRCUIT EQUIPPED WITH GFI PROTECTION SHALL BE PROVIDED.
10. ALL ELECTRICAL EQUIPMENT AND PANELS SHALL BE MANUFACTURED UNITS WITH UL LISTING AND SHALL INCLUDE THE MANUFACTURER'S WARRANTY.



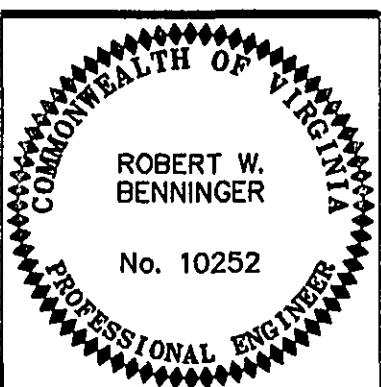
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REV	DATE	DESCRIPTION	BY	APP

WELL HOUSE PIPING  
SCHEMATIC  
EXPANSION OF WATER SYSTEM  
WATERFRONT - WELLS #15 & #16



SCALE: AS SHOWN  
COMM. RP: R2001  
NO. LA: 2002-308  
DATE: APRIL 16, 2007  
SHEET 3 OF 3